HEARING RESEARCH

Vol. 175, Nos. 1–2
January 2003

CONTENTS

Cited in: Biological Abstracts (BIOSIS); Chemical Abstracts; Current Contents/Life Sciences; Current Awareness in Biological Sciences (CABS); Excerpta Medica (EMBASE); Index Medicus; INSPEC; PASCAL M; Reference Update; Full text available in ScienceDirect® and Neuroscion

Editorial

HEARING RESEARCH 25 YEARS 1

Research Papers

J. Lin, M. Ozeki, E. Javel, Z. Zhao, W. Pan, E. Schlentz and S. Levine (USA)
Identification of gene expression profiles in rat ears with cDNA microarrays 2

L. Nizami (USA)
Afferent response parameters derived from postmasker probe-detection thresholds: 'the decay of sensation' revisited 14

L. Catacuzzeno, B. Fioretti, P. Perin and F. Franciolini (Italy)
Frog saccular hair cells dissociated with protease VIII exhibit inactivating BK currents, K_V currents, and low-frequency electrical resonance 36

J. Liu, X. Li, L. Wang, Y. Dong, H. Han and G. Liu (PR China)
Effects of salicylate on serotoninergic activities in rat inferior colliculus and auditory cortex 45

Y.L. Werner (USA)
Mechanical leverage in the middle ear of the American bullfrog, *Rana catesbeiana* 54

B.C.J. Moore and B.R. Glasberg (UK)
Behavioural measurement of level-dependent shifts in the vibration pattern on the basilar membrane at 1 and 2 kHz 66

A. Izumi (Japan)
Effect of temporal separation on tone-sequence discrimination in monkeys 75

M. Ahmad, B.A. Bohne and G.W. Harding (USA)
An in vivo tracer study of noise-induced damage to the reticular lamina 82

S.E. Smittkamp, D.L. Park, D.A. Girod and D. Durham (USA)
Effects of age and cochlear damage on the metabolic activity of the avian cochlear nucleus 101

A.T. Cacace (USA)
Expanding the biological basis of tinnitus: crossmodal origins and the role of neuroplasticity 112

R. Priner, R. Perez, S. Freeman and H. Sohmer (Israel)
Mechahisms responsible for postnatal middle ear amniotic fluid clearance 133

B. Engel-Yeger, S. Zaaroura, J. Zlotogora, S. Shalev, Y. Hujeirat, M. Carrasquillo, B. Saleh and H. Pratt (Israel, USA)
Otoacoustic emissions and brainstem evoked potentials in compound carriers of connexin 26 mutations 140

Contents continued on inside back cover

neuroscion
a meeting of minds

To view articles from this journal, visit Neuroscion, the comprehensive neuroscience information service on the web.
Register today at **www.neuroscion.com**

0378-5955(200301)175:1/2;1-5

Available online at www.sciencedirect.com
SCIENCE DIRECT®

(Contents continued from back cover)

G.B. Liu (Australia)
Functional development of the auditory brainstem in the tammar wallaby (*Macropus eugenii*): the superior olivary complex and its relationship with the auditory brainstem response (ABR) 152

C.D. Balaban, J. Zhou and H.-s. Li (USA)
Type 1 vanilloid receptor expression by mammalian inner ear ganglion cells 165

T. Nishimura, S. Nakagawa, T. Sakaguchi and H. Hosoi (Japan)
Ultrasonic masker clarifies ultrasonic perception in man 171

Y.M. Szymko-Bennett, K. Kurima, B. Olsen, R. Seegmiller and A.J. Griffith (USA)
Auditory function associated with *Col11a1* haploinsufficiency in chondrodysplasia (*cho*) mice 178

D.Z.Z. He, S. Jia and F. Feng (USA)
Thyroid hormone is not necessary for the development of outer hair cell electromotility 183

H.P. Wit, R.A. Feijen and F.W.J. Albers (The Netherlands)
Cochlear aqueduct flow resistance is not constant during evoked inner ear pressure change in the guinea pig 190

C. A. Miller, P.J. Abbas, K.V. Nourski, N. Hu and B.K. Robinson (USA)
Electrode configuration influences action potential initiation site and ensemble stochastic response properties 200

S. Carvalho, B. Büki, P. Bonfils and P. Avan (Austria, France)
Effect of click intensity on click-evoked otoacoustic emission waveforms: implications for the origin of emissions 215

Calendar 226

Author Index Volume 175 227

Subject Index Volume 175 229